

**DRIVE CIRCUIT FOR A SYNCHRONOUS RECTIFIER,  
METHOD OF PROVIDING DRIVE SIGNALS THERETO AND  
POWER CONVERTER INCORPORATING THE SAME**

**ABSTRACT OF THE DISCLOSURE**

The present invention provides a transition-isolating drive circuit for a synchronous rectifier. In one embodiment, the transition-isolating drive circuit includes drive switches coupled to a transformer winding and configured to provide drive signals for the synchronous rectifier. Additionally, the transition-isolating drive circuit also includes a conduction-inhibiting circuit, coupled to the drive switches, that increases a turn-off voltage of the drive signals to a predetermined level.